

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IFW

In re Applicant:

Dan GAZIT et al

Serial No.: 10/551,717

Filed: July 14, 2006

Group Art Unit: 1632

For: TAK1-MEDIATED INHIBITION OF  
OSTEOGENESIS

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§  
Attorney  
Docket: 30695

Examiner: Not yet Assigned

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted,

Martin D. Moynihan  
Registration No. 40,338

Dated: June 17, 2007



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Documents	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	10	JP 09-163990	06-24-1997	Irie		
	11	PCT WO 99/40202	08-12-1999	Sugita et al.		
	12	EP 1234880	08-28-2002	Matsumoto		
Examiner Signature				Date Considered		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
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Complete if Known

Application Number	10/551,717
Filing Date	July 14, 2006
First Named Inventor	GAZIT Dan et al
Group Art Unit	1632
Examiner Name	Not Yet Assigned

Sheet	2	Of	3	Attorney Docket Number	30695
<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	13	Shibuya et al. "Role of TAK1 and TAB1 in BMP Signaling in Early Xenopus Development", The EMBO Journal, 17(4): 1019-1028, 1998.			
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	21	Baulcombe "Diced Defence", Nature, 409: 295-296, 2001.			
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	23	Boshart et al. "Reporter Constructs With Low Background Activity Utilizing the Cat Gene", Gene, 110: 129-130, 1992.			
	24	Caflish et al. "Multiple Copy Simultaneous Search and Construction of Ligands in Binding Sites: Application to Inhibitors of HIV-1 Aspartic Proteinase", Journal of Medical Chemistry, 36: 2142-2167, 1993.			
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	26	Gehlhaar et al. "De Novo Design of Enzyme Inhibitors by Monte Carlo Ligand Generation", Journal of Medical Chemistry, 38: 466-472, 1995.			
	27	Glišin et al. "Ribonucleic Acid Isolated by Cesium Chloride Centrifugation", Biochemistry, 13(12): 2633-2637, 1974.			

Signature		Considered
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	28	Hoffmann et al. "The T-Box Transcription Factor Brachyury Mediates Cartilage Development in Mesenchymal Stem Cell Line C3H10T1/2", Journal of Cell Science, 115: 769-781, 2002.			
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	32	Meersseman et al. "The C-Terminal Domain of Mad-Like Signal Transducers Is Sufficient for Biological Activity in the Xenopus Embryo and Transcriptional Activation", Mechanisms of Development, 61: 127-140, 1997.			
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